

TRANSDUCER PACKAGE FOR PROCESS CONTROL**ABSTRACT**

A system (10) is provided herein for monitoring the harmonic content of the RF signal delivered to an RF powered device (13). The system comprises (a) a voltage transducer (16) adapted to sample the voltage of the RF signal and to output a first signal representative thereof, (b) a current transducer (17) adapted to sample the current of the RF signal and to output a second signal representative thereof, and (c) a memory device (67) in communication with at least one, and preferably both, of the aforementioned transducers 16 and 17 and which contains calibration information specific to the transducers.

10